

TECHNICAL SPECIFICATIONS

USH4BE Series

High Efficiency Heat Pump Up to 14.3 SEER2, up to 7.5 HSPF2 Residential System 1 1/2 – 5 Ton Capacity

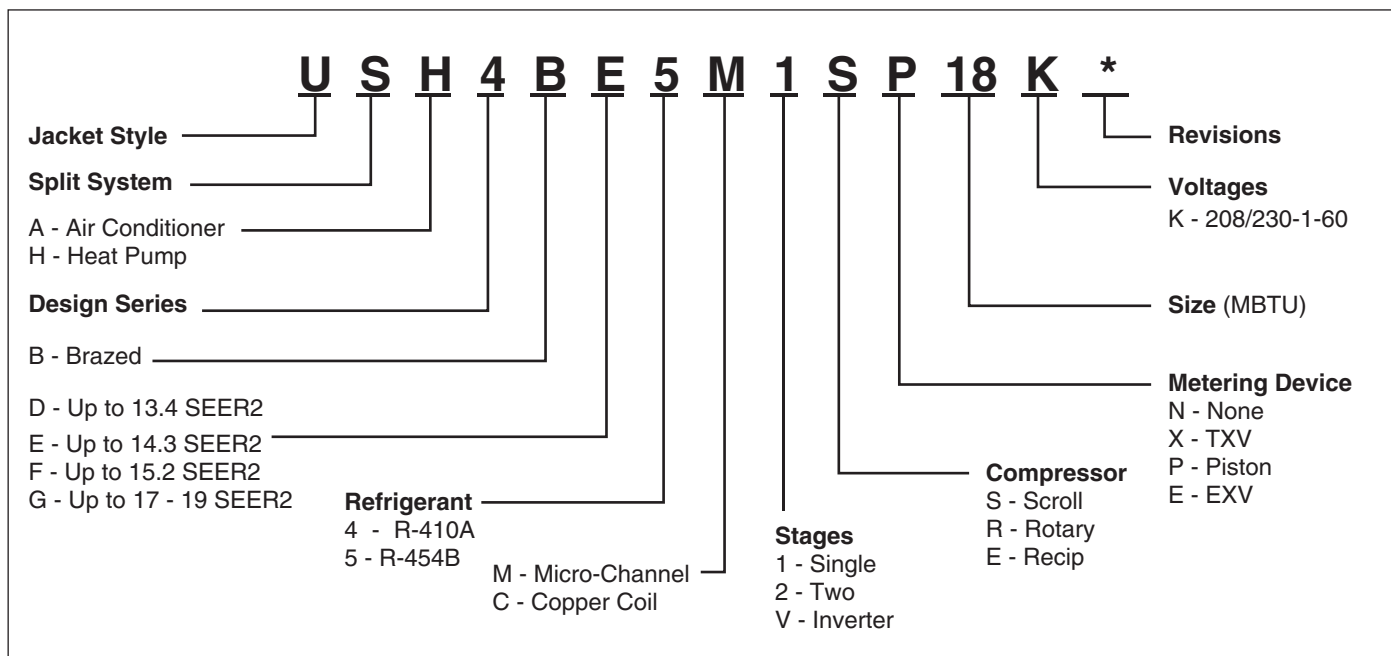
The USH4BE Series of heat pumps offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system heat pump equipment.



FEATURES and BENEFITS

- **Quality Compressor:** State-of-the-art Copeland Scroll™ compressor is standard equipment.
- **Designed Using Galvanized Steel:** Units feature a powder-coated paint with a gloss finish that eliminates sharp edges and reduces corrosion, fading, chipping and scratching. It passes 950 hours of salt spray per ASTM Std. B117.
- **Permanently Lubricated Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Composite Base Pan:** Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Low Pressure Switch:** Loss charge protection ensures long compressor life. Auto-reset feature prevents nuisance service trips.
- **Liquid Line Filter Drier:** Included with unit, field installed.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **Five Minute Restart Time Delay:** When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **All-Aluminum Coils:** All aluminum coils in all models which provides high corrosion resistance.
- **Servicer-Friendly Jacket:** Side panels can be easily removed and replaced without removing the top grill.

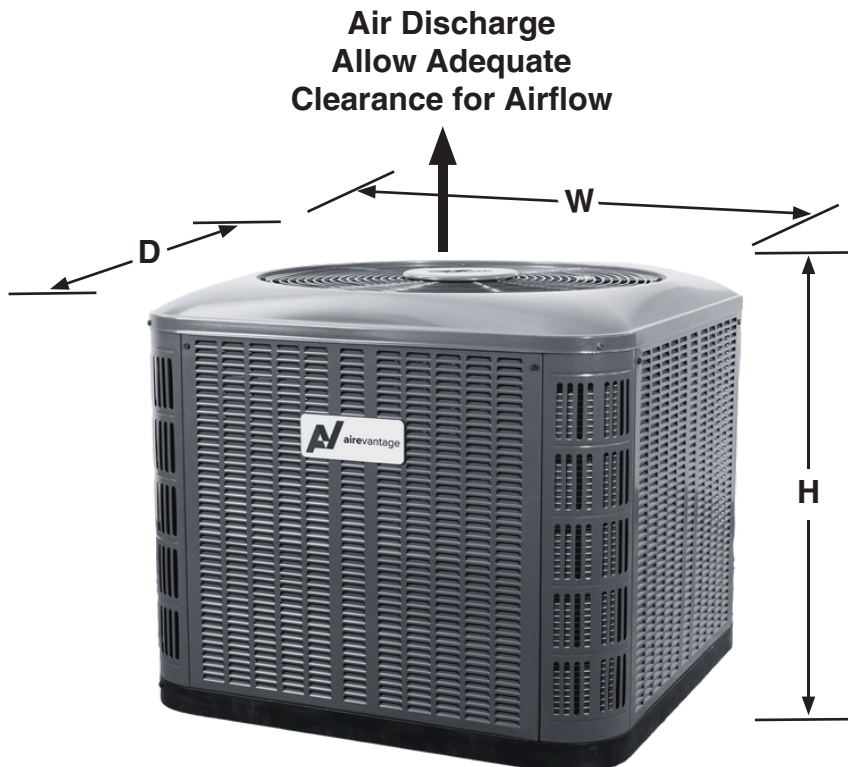
MODEL IDENTIFICATION CODES



DIMENSIONS

AIR CONDITIONER OUTDOOR SECTION

USH4BE	18K	24K	30K	36K	42K	48K	60KA
H	33.25	37.25	41.25	45.25	45.25	45.25	45.25
W	31.75	31.75	31.75	31.75	31.75	31.75	31.75
D	31.75	31.75	31.75	31.75	31.75	31.75	31.75



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

Up to 14.3 SEER2 — High Efficiency — Single Phase

Model Number USH4BE			18K	24K	30K	36K	42K	48K	60K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1						
	Delay Fuse Max. (2)		20	20	25	30	30	40	50
	Min. Circuit Ampacity		12.8	13.7	16.8	17.8	19.9	23.1	30.4
Component Data	Fan Motor	HP	1/3	1/8	1/8	1/5	1/4	1/4	1/3
	Compressor Data	LRA	41.5	60.2	75.6	82.5	109.0	126.0	149.0
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length."		0-24 ft.	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
		25-39 ft.	5/8"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
		40-75 ft.	5/8"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Approximate Shipping Weight (lbs.)			160	176	201	220	246	246	246
Sound Ratings (db)	Cool		71.1	75.0	69.2	71.3	76.1	77.4	--
	Heat		71.3	72.0	70.2	71.6	76.8	77.8	--

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

High Wind Tie-Down Kits - <http://miamitech.com/products/metal/cutdnortek.html>

Low Ambient Kit - 918837

Cantilever Mounting Kit - 1018671

Four mounting corner post/panel split system design to cantilever mounts.

SYSTEM HEATING AND COOLING CAPACITIES

Up to 14.3 SEER2 — High Efficiency — Single Phase

Outdoor Unit	Indoor Unit	BTUH	SEER2	EER2	Heating Capacity BTUH @ 47° F	Heating Capacity BTUH @ 17° F	HSPF2	CFM
USH4BE5M-1SP18K	B65BMMX18K-A	17,800	14.3	11.0	17,000	9,800	7.5	670
USH4BE5M-1SP24K	B65BMMX24K-A	23,400	14.3	11.0	23,000	13,800	7.5	830
USH4BE5M-1SP30K	B65BMMX30K-B	29,000	14.3	11.0	29,000	17,500	7.5	970
USH4BE5M-1SP36K	B65BMMX36K-B	34,200	14.3	11.0	33,000	20,200	7.5	1,160
USH4BE5M-1SP42K	B65BMMX42K-C	40,500	14.3	11.0	41,000	24,000	7.5	1,400
USH4BE5M-1SP48K	B65EMMX48K-C	46,500	14.3	11.0	46,500	28,000	7.5	1,500
USH4BE5M-2SX60K	B65VMMX60K-C	53,500	14.3	10.7	59,000	37,000	7.5	2,015

All ratings are with time delay relay.

See current AHRI Directory for certified combinations and ratings.

www.ahridirectory.org

COOLING EXPANDED RATINGS WITH AIR HANDLER

USH4BE5M1SP18K + B65BMMX18K-A

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
525	80	62	18.7	16.0	1.02	17.9	15.6	1.13	17.1	15.3	1.28	16.2	14.8	1.47	15.2	14.3	1.67	14.2	13.7	1.89
	80	67	20.4	13.4	1.01	19.4	12.9	1.12	18.7	12.4	1.24	17.8	12.0	1.39	16.8	11.5	1.57	15.7	11.0	1.81
	80	72	22.7	11.0	1.02	21.7	10.6	1.14	20.7	10.2	1.27	19.7	9.8	1.40	18.7	9.4	1.56	17.5	8.9	1.77
	75	62	18.6	13.5	1.02	17.8	13.1	1.13	17.0	12.7	1.28	16.1	12.3	1.47	15.1	11.8	1.67	14.1	11.3	1.89
	75	67	20.3	10.9	1.01	19.4	10.5	1.12	18.6	10.2	1.24	17.8	9.8	1.39	16.9	9.4	1.57	15.7	8.9	1.80
600	80	62	19.2	17.2	1.01	18.4	16.8	1.12	17.6	16.4	1.27	16.7	15.7	1.46	15.7	15.3	1.66	14.7	14.6	1.88
	80	67	21.0	14.2	1.00	20.0	13.8	1.11	19.2	13.2	1.23	18.4	13.0	1.38	17.3	12.3	1.56	16.1	11.7	1.80
	80	72	23.3	11.6	1.01	22.3	11.2	1.13	21.3	10.8	1.25	20.3	10.4	1.39	19.2	10.0	1.55	18.0	9.5	1.75
	75	62	19.2	14.4	1.01	18.3	14.0	1.12	17.5	13.6	1.27	16.6	13.2	1.46	15.6	12.7	1.66	14.4	12.2	1.88
	75	67	20.9	11.5	1.00	19.9	11.0	1.11	19.2	10.7	1.23	18.3	10.4	1.38	17.3	9.9	1.56	16.1	9.4	1.79
670	80	62	19.6	18.3	1.00	18.7	16.8	1.11	18.1	17.4	1.26	17.1	16.8	1.45	16.2	16.1	1.64	15.2	15.2	1.86
	80	67	21.4	15.1	0.99	20.4	14.7	1.10	19.5	13.8	1.22	18.7	13.4	1.37	17.6	12.9	1.55	16.6	13.1	1.78
	80	72	23.8	12.1	0.99	22.8	11.8	1.12	21.7	11.3	1.24	20.7	10.9	1.38	19.6	10.4	1.53	18.3	10.0	1.74
	75	62	19.6	15.2	1.00	18.7	14.8	1.11	18.0	14.5	1.26	16.9	14.0	1.45	15.9	13.6	1.65	14.7	13.0	1.87
	75	67	21.4	12.0	0.99	20.4	11.6	1.10	19.6	11.2	1.22	18.7	10.9	1.37	17.7	10.4	1.55	16.5	9.9	1.78

USH4BE5M1SP24K with B65BMMX24K-A

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	24.7	20.7	1.44	23.3	20.1	1.58	22.1	19.5	1.73	20.9	18.9	1.91	19.6	18.1	2.12	18.2	17.5	2.34
	80	67	27.1	17.4	1.44	25.8	16.6	1.58	24.6	16.3	1.74	23.2	15.3	1.93	22.0	15.1	2.16	20.4	14.4	2.43
	80	72	29.4	14.1	1.43	28.0	13.5	1.57	26.6	12.9	1.72	25.4	12.4	1.91	24.1	11.9	2.14	22.6	11.2	2.42
	75	62	24.5	17.4	1.44	23.2	16.8	1.58	22.0	16.2	1.73	20.7	15.6	1.91	19.5	15.0	2.12	18.1	14.2	2.34
	75	67	27.0	14.2	1.44	25.7	13.6	1.58	24.4	13.1	1.74	23.2	12.5	1.93	21.8	11.8	2.16	20.2	11.2	2.43
830	80	62	25.6	22.7	1.42	24.3	22.1	1.55	23.0	20.9	1.71	21.7	20.7	1.89	20.4	19.9	2.09	19.0	19.1	2.32
	80	67	28.2	18.6	1.41	26.7	17.9	1.55	25.5	17.8	1.71	24.2	17.2	1.90	22.7	16.5	2.13	21.1	15.8	2.40
	80	72	30.5	15.0	1.40	29.0	14.4	1.54	27.5	13.8	1.70	26.2	13.3	1.89	24.9	12.7	2.11	23.3	12.1	2.39
	75	62	25.5	19.0	1.42	24.1	18.3	1.55	22.8	17.7	1.71	21.5	17.1	1.89	20.2	16.5	2.09	18.7	15.6	2.32
	75	67	28.0	15.2	1.41	26.6	14.5	1.55	25.3	14.0	1.71	24.0	13.4	1.90	22.6	12.8	2.13	20.9	12.1	2.40
900	80	62	26.2	24.0	1.34	24.8	21.9	1.48	23.5	22.6	1.63	22.3	21.8	1.81	21.0	21.0	2.02	19.8	19.8	2.25
	80	67	28.8	19.5	1.34	27.3	18.8	1.48	26.1	18.8	1.64	24.5	17.4	1.83	23.1	16.7	2.06	21.6	16.8	2.32
	80	72	31.2	15.7	1.33	29.6	15.1	1.47	28.1	14.4	1.62	26.8	13.9	1.81	25.5	13.4	2.04	23.7	12.7	2.32
	75	62	26.1	19.9	1.34	24.7	19.3	1.48	23.4	18.7	1.63	22.1	18.1	1.81	20.7	17.4	2.02	19.2	16.6	2.25
	75	67	28.7	15.9	1.34	27.3	15.2	1.48	25.9	14.7	1.64	24.6	14.1	1.83	23.1	13.4	2.06	21.5	12.7	2.32

USH4BE5M1SP30K + B65BMMX30K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	30.2	25.1	1.73	29.0	24.7	1.89	27.9	24.3	2.08	26.7	23.6	2.29	25.4	22.7	2.52	23.9	22.3	2.78
	80	67	33.1	21.3	1.74	31.9	20.8	1.91	30.7	20.2	2.09	29.4	19.7	2.31	28.1	19.1	2.55	26.6	18.5	2.84
	80	72	35.6	17.2	1.74	34.3	16.6	1.91	33.1	16.2	2.09	31.8	15.6	2.31	30.5	15.1	2.56	29.0	14.6	2.85
	75	62	30.2	21.4	1.73	29.0	20.8	1.89	27.8	20.3	2.08	26.6	19.7	2.28	25.3	19.0	2.52	23.7	18.2	2.77
	75	67	33.1	17.6	1.74	31.8	17.0	1.91	30.6	16.5	2.09	29.2	15.8	2.31	28.0	15.3	2.55	26.4	14.6	2.84
970	80	62	30.9	26.5	1.71	29.7	25.8	1.88	28.5	25.6	2.07	27.3	24.6	2.27	25.9	24.3	2.51	24.4	23.5	2.77
	80	67	33.9	22.3	1.73	32.6	21.8	1.89	31.3	21.2	2.08	30.1	20.7	2.29	28.7	20.1	2.54	26.8	19.1	2.82
	80	72	36.4	17.9	1.73	35.0	17.3	1.89	33.8	16.9	2.08	32.5	16.3	2.29	31.1	15.8	2.54	29.5	15.1	2.84
	75	62	30.8	22.4	1.71	29.6	21.8	1.88	28.4	21.2	2.07	27.2	20.6	2.27	25.9	20.1	2.50	24.2	19.1	2.76
	75	67	33.8	18.3	1.73	32.5	17.7	1.89	31.2	17.1	2.08	29.8	16.5	2.29	28.5	15.9	2.54	26.9	15.2	2.82
1125	80	62	31.9	28.4	1.69	30.6	28.1	1.86	29.3	27.7	2.04	28.0	27.0	2.25	26.7	26.1	2.48	25.3	25.2	2.75
	80	67	34.9	23.9	1.70	33.6	23.3	1.87	32.2	22.8	2.06	30.9	22.2	2.27	29.4	21.5	2.52	27.8	20.8	2.80
	80	72	37.4	18.9	1.70	36.0	18.3	1.87	34.6	17.8	2.06	33.3	17.2	2.27	31.8	16.7	2.52	30.2	16.1	2.81
	75	62	31.8	23.9	1.69	30.4	22.9	1.86	29.1	22.3	2.04	27.9	22.1	2.25	26.5	21.5	2.48	25.0	20.8	2.74
	75	67	34.9	19.3	1.70	33.4	18.7	1.87	32.1	18.2	2.06	30.7	17.5	2.27	29.3	16.9	2.51	27.6	16.1	2.80

COOLING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

USH4BE5M1SP36K + B65BMMX36K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	35.5	30.9	2.00	34.7	30.7	2.25	33.7	30.3	2.49	32.1	29.5	2.77	30.2	28.5	3.10	28.3	27.5	3.46
	80	67	38.8	25.7	1.99	37.7	25.1	2.24	36.5	24.3	2.48	35.0	23.8	2.74	33.5	23.4	3.02	31.4	22.3	3.37
	80	72	43.4	21.1	2.02	41.8	20.4	2.27	40.2	19.8	2.51	38.4	19.1	2.76	36.4	18.3	3.03	34.3	17.5	3.35
	75	62	35.3	26.0	2.00	34.6	25.7	2.25	33.5	25.2	2.49	32.0	24.5	2.77	30.2	23.1	3.11	28.3	22.3	3.47
	75	67	38.6	20.8	1.99	37.6	20.4	2.24	36.4	19.8	2.48	34.9	19.2	2.73	33.1	18.3	3.01	31.2	17.5	3.36
1160	80	62	36.3	32.6	1.98	35.5	32.5	2.23	34.4	31.9	2.48	32.8	31.1	2.76	30.9	30.1	3.08	29.0	28.6	3.44
	80	67	39.6	26.8	1.97	38.5	26.3	2.22	37.3	25.7	2.47	35.7	25.3	2.72	34.0	24.7	3.00	32.0	23.5	3.35
	80	72	44.0	21.8	2.00	42.8	21.3	2.25	41.0	20.6	2.49	39.1	19.9	2.74	36.9	19.1	3.02	35.0	18.3	3.34
	75	62	36.2	27.4	1.98	35.3	27.0	2.23	34.2	26.5	2.48	32.7	25.7	2.75	30.8	24.4	3.08	28.9	23.5	3.45
	75	67	39.4	21.7	1.97	38.4	21.2	2.22	37.1	20.6	2.47	35.7	20.0	2.72	33.7	19.2	3.00	31.9	18.4	3.35
1350	80	62	37.4	35.3	1.96	36.5	34.8	2.21	35.4	33.2	2.46	33.9	33.5	2.74	32.2	31.9	3.06	30.4	30.3	3.42
	80	67	40.6	28.9	1.95	39.6	28.4	2.20	38.1	27.1	2.45	36.6	27.3	2.71	34.8	26.2	2.99	32.8	25.4	3.33
	80	72	45.3	23.2	1.98	43.9	22.6	2.24	41.9	21.8	2.48	39.9	21.0	2.73	37.9	20.2	3.00	35.7	19.4	3.32
	75	62	37.1	29.4	1.96	36.4	29.2	2.21	35.3	28.7	2.46	33.6	27.9	2.74	31.7	26.3	3.06	29.6	25.5	3.43
	75	67	40.4	23.0	1.95	39.5	22.5	2.21	38.1	21.9	2.45	36.5	21.2	2.71	34.7	20.4	2.98	32.6	19.5	3.33

USH4BE5M1SP42K + B65BMMX42K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1225	80	62	42.9	37.1	2.48	41.1	36.5	2.70	39.3	35.8	2.94	37.4	34.7	3.22	35.5	33.7	3.54	33.4	31.2	3.88
	80	67	46.9	30.8	2.49	45.0	30.0	2.71	43.1	28.6	2.96	41.3	28.6	3.24	39.3	27.3	3.57	37.1	26.6	3.93
	80	72	50.9	24.9	2.49	48.8	24.1	2.71	46.9	23.2	2.96	44.9	22.5	3.25	42.8	21.7	3.57	40.5	20.8	3.94
	75	62	42.8	31.4	2.48	41.0	30.6	2.70	39.2	29.8	2.94	37.2	28.8	3.22	35.6	27.3	3.53	33.5	26.5	3.87
	75	67	47.0	25.3	2.49	44.9	24.3	2.71	43.1	23.7	2.96	40.9	22.6	3.24	39.1	21.8	3.56	36.9	20.9	3.93
1400	80	62	43.9	39.7	2.52	42.0	39.1	2.74	40.1	37.6	2.99	38.2	36.8	3.27	36.3	35.8	3.58	34.4	34.0	3.93
	80	67	48.0	32.6	2.54	46.1	31.7	2.75	44.0	30.2	3.00	42.1	30.5	3.29	40.0	29.0	3.61	37.8	28.2	3.97
	80	72	52.0	26.0	2.54	49.9	25.1	2.76	47.8	24.4	3.00	45.7	23.6	3.29	43.5	22.7	3.62	41.1	21.7	3.98
	75	62	43.7	33.4	2.53	41.9	32.5	2.74	40.0	31.6	2.99	38.1	30.7	3.27	36.1	28.3	3.57	34.1	28.2	3.92
	75	67	48.1	26.5	2.54	45.9	25.4	2.76	43.9	24.6	3.00	41.8	23.6	3.28	39.6	22.9	3.60	37.7	21.9	3.97
1575	80	62	44.7	42.0	2.57	42.8	40.8	2.79	40.8	38.6	3.04	39.0	38.4	3.31	37.3	37.0	3.63	35.4	35.3	3.98
	80	67	49.0	34.1	2.58	47.0	33.7	2.80	44.9	33.1	3.05	42.7	32.2	3.33	40.6	30.6	3.65	38.5	29.9	4.01
	80	72	52.9	27.1	2.58	50.6	26.2	2.80	48.5	25.3	3.05	46.4	24.4	3.34	44.2	23.6	3.66	41.7	22.7	4.03
	75	62	44.5	32.6	2.57	42.5	34.3	2.79	40.5	33.3	3.03	38.6	32.5	3.31	36.5	29.6	3.62	34.6	29.8	3.96
	75	67	48.8	27.4	2.58	46.6	26.3	2.80	44.6	25.7	3.05	42.4	24.7	3.33	40.2	23.9	3.65	38.0	22.8	4.01

USH4BE5M1SP48K + B65EMMX48K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	49.3	42.6	2.66	47.3	41.7	2.90	45.2	40.7	3.19	43.0	39.5	3.57	40.5	38.2	4.05	37.9	36.7	4.58
	80	67	53.5	35.4	2.66	51.0	33.8	2.90	48.9	33.5	3.19	46.6	32.1	3.53	43.9	30.3	3.93	41.6	30.3	4.46
	80	72	57.6	28.6	2.66	54.7	27.3	2.90	52.2	26.3	3.18	49.5	25.4	3.52	47.1	24.4	3.90	44.5	23.3	4.34
	75	62	49.1	35.9	2.66	47.0	35.0	2.90	45.0	34.1	3.19	42.8	33.0	3.57	40.3	31.7	4.05	37.5	30.2	4.60
	75	67	53.3	29.0	2.66	50.8	27.9	2.90	48.6	26.9	3.19	46.3	25.9	3.53	44.1	24.9	3.94	41.4	23.8	4.45
1500	80	62	49.9	44.1	2.69	47.8	43.1	2.93	45.7	42.1	3.22	43.4	40.9	3.60	41.0	39.5	4.07	38.4	37.7	4.61
	80	67	54.1	36.3	2.69	51.7	35.5	2.93	49.3	34.5	3.22	47.1	33.6	3.56	44.8	32.7	3.97	42.0	31.3	4.48
	80	72	58.2	29.1	2.69	55.3	27.9	2.92	52.7	27.0	3.21	49.9	25.9	3.55	47.5	24.9	3.94	44.9	23.8	4.38
	75	62	49.7	37.0	2.69	47.5	36.1	2.93	45.5	35.1	3.22	43.3	33.9	3.60	40.2	31.0	4.09	37.9	31.2	4.61
	75	67	53.9	29.6	2.69	51.3	28.5	2.93	49.1	27.5	3.22	46.8	26.5	3.56	44.5	25.4	3.97	41.8	24.4	4.48
1800	80	62	51.2	48.0	2.80	49.0	46.9	3.04	46.8	45.7	3.33	44.6	44.1	3.70	42.4	42.3	4.17	40.0	40.0	4.70
	80	67	55.4	39.0	2.80	52.7	36.9	3.04	50.4	37.4	3.33	48.0	36.3	3.68	45.6	35.3	4.08	42.4	32.0	4.59
	80	72	59.6	30.8	2.80	56.4	29.5	3.04	53.7	28.4	3.33	50.9	27.4	3.66	48.2	26.4	4.05	45.7	25.4	4.49
	75	62	51.0	39.8	2.80	48.7	38.9	3.04	46.4	37.9	3.33	44.1	36.9	3.70	41.5	35.6	4.18	38.6	33.0	4.73
	75	67	55.2	31.2	2.80	52.8	30.3	3.04	50.1	29.0	3.33	47.8	28.0	3.68	45.3	26.9	4.08	42.5	25.8	4.58

COOLING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

USH4BE5M2SX60K + B65VMMX60K-C - High Speed

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1750	80	62	57.8	48.6	3.83	55.4	47.6	4.16	52.9	46.4	4.53	50.4	45.0	4.96	47.6	44.1	5.46	44.5	42.5	6.06
	80	67	61.9	40.2	3.80	59.0	38.8	4.15	56.2	37.8	4.52	53.4	36.7	4.93	50.6	35.3	5.40	47.6	33.8	5.93
	80	72	69.3	33.1	4.19	66.6	32.0	4.53	63.7	30.9	4.93	60.6	29.7	5.42	57.0	28.2	6.00	53.4	26.7	6.72
	75	62	57.7	41.0	3.83	55.2	40.1	4.16	52.7	38.8	4.53	50.2	37.6	4.95	47.4	36.4	5.46	44.4	35.0	6.07
	75	67	61.7	32.7	3.80	58.7	31.3	4.15	56.1	30.2	4.51	53.2	29.1	4.93	50.4	27.8	5.40	47.4	26.5	5.93
1990	80	62	58.6	49.6	3.82	56.7	50.1	4.16	54.1	49.7	4.53	51.5	48.6	4.96	48.6	47.0	5.46	45.6	44.8	6.05
	80	67	63.4	42.6	3.80	60.4	41.2	4.16	57.7	40.3	4.53	54.6	38.9	4.94	51.7	37.4	5.41	48.5	36.0	5.94
	80	72	71.1	34.8	4.18	68.2	33.6	4.52	65.3	32.5	4.92	61.8	31.0	5.40	58.2	29.6	5.99	54.4	28.1	6.71
	75	62	59.1	43.3	3.83	56.6	42.5	4.16	54.1	41.3	4.53	51.4	40.2	4.96	48.5	38.9	5.46	45.3	37.3	6.05
	75	67	63.1	34.2	3.80	60.1	32.9	4.15	57.3	31.8	4.52	54.4	30.6	4.94	51.4	29.3	5.40	48.2	27.8	5.94
2250	80	62	60.6	54.5	3.83	57.9	54.4	4.16	55.3	52.9	4.53	52.6	51.3	4.96	49.9	49.8	5.46	47.3	47.3	6.05
	80	67	64.5	44.8	3.84	61.6	43.5	4.15	58.6	42.5	4.52	55.6	41.4	4.94	52.6	39.6	5.41	49.4	38.3	5.94
	80	72	72.6	36.3	4.17	69.8	35.1	4.51	66.6	33.8	4.91	63.1	32.6	5.39	59.3	31.2	5.99	55.5	29.7	6.70
	75	62	60.4	45.9	3.82	57.8	45.1	4.15	55.1	43.9	4.52	52.4	42.6	4.95	49.4	41.2	5.45	46.2	39.8	6.04
	75	67	64.5	35.9	3.80	61.3	34.5	4.15	58.4	33.2	4.52	55.4	32.0	4.93	52.3	30.7	5.40	49.1	29.3	5.93

USH4BE5M2SX60K + B65VMMX60K-C - Low Speed

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1170	80	62	41.1	35.5	1.96	39.1	34.7	2.27	37.3	33.8	2.57	35.3	32.8	2.92	33.0	31.7	3.32	30.5	30.2	3.79
	80	67	45.0	30.0	1.93	43.2	29.1	2.25	41.3	28.3	2.56	38.9	27.3	2.91	36.5	26.4	3.31	33.7	25.1	3.78
	80	72	49.2	24.4	1.91	47.1	23.5	2.23	45.1	22.7	2.53	42.6	21.8	2.93	40.1	20.8	3.33	37.3	19.7	3.77
	75	62	40.8	30.0	1.98	39.0	29.2	2.27	37.1	28.3	2.60	35.2	27.3	2.92	33.0	26.3	3.31	30.3	25.1	3.78
	75	67	44.7	24.5	1.96	43.1	23.8	2.23	41.0	22.8	2.59	38.8	21.9	2.91	36.2	20.8	3.34	33.5	19.7	3.78
1330	80	62	41.9	37.8	2.01	40.1	37.0	2.27	38.1	36.0	2.60	36.0	34.9	2.96	33.8	33.6	3.35	31.6	31.6	3.81
	80	67	46.1	31.6	1.96	44.3	30.9	2.26	42.1	29.9	2.62	39.6	28.9	2.97	37.1	27.8	3.37	34.4	26.6	3.81
	80	72	50.3	25.3	1.94	48.3	24.7	2.23	45.9	23.7	2.60	43.5	22.8	2.96	40.8	21.7	3.37	37.9	20.6	3.80
	75	62	41.8	31.7	2.01	39.9	30.8	2.30	37.9	29.9	2.62	35.9	29.0	2.96	33.5	28.0	3.35	31.0	26.8	3.79
	75	67	45.9	25.5	1.96	44.1	24.8	2.26	41.9	23.9	2.61	39.6	23.0	2.94	37.1	21.9	3.34	34.2	20.6	3.81
1510	80	62	42.7	40.1	2.05	41.0	39.3	2.32	39.0	38.2	2.64	36.9	36.9	3.00	34.8	34.8	3.43	32.6	32.7	3.86
	80	67	47.0	33.4	2.00	45.2	32.7	2.30	42.9	31.6	2.65	40.4	30.6	2.98	37.7	29.5	3.42	34.8	28.3	3.86
	80	72	51.4	26.5	1.97	49.2	25.6	2.28	47.0	24.7	2.61	44.3	23.7	3.00	41.5	22.7	3.41	38.5	21.6	3.85
	75	62	42.6	33.4	2.05	40.8	32.6	2.32	38.7	31.8	2.64	36.5	30.8	3.00	33.9	29.5	3.43	31.3	28.2	3.87
	75	67	46.8	26.6	2.00	45.0	25.9	2.30	42.7	24.9	2.66	40.3	23.9	2.98	37.5	22.7	3.42	34.7	21.6	3.85

HEATING EXPANDED RATINGS WITH AIR HANDLER

USH4BE5M1SP18K + B65BMMX18K-A

		OUTDOOR TEMPERATURE (Deg. F)																										
CFM	Indoor T. Deg.F	5			10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
525	60	7.5	1.77	1.24	8.7	2.06	1.24	10.3	2.40	1.26	11.0	2.54	1.27	13.4	3.09	1.27	16.0	3.47	1.35	18.3	3.83	1.40	19.1	3.97	1.41	22.1	4.47	1.45
	70	7.2	1.67	1.26	8.2	1.92	1.25	9.6	2.22	1.27	10.3	2.36	1.28	9.6	2.12	1.33	13.9	2.93	1.39	16.9	3.49	1.42	17.7	3.60	1.44	20.5	3.98	1.51
	80	6.6	1.44	1.34	7.6	1.65	1.35	9.0	1.93	1.37	9.6	2.02	1.39	11.8	2.40	1.44	14.3	2.79	1.50	16.0	3.03	1.55	16.8	3.14	1.57	19.5	3.48	1.64
600	60	7.5	1.80	1.22	8.6	2.03	1.24	10.3	2.43	1.24	10.9	2.56	1.25	13.4	3.17	1.24	16.0	3.58	1.31	18.3	3.91	1.37	19.2	4.08	1.38	22.4	4.72	1.39
	70	7.2	1.69	1.25	8.2	1.92	1.25	9.7	2.26	1.26	10.4	2.40	1.27	9.7	2.15	1.32	14.1	2.99	1.38	17.2	3.65	1.38	18.0	3.80	1.39	20.8	4.23	1.44
	80	6.7	1.49	1.32	7.6	1.67	1.33	9.0	1.95	1.35	9.7	2.09	1.36	11.9	2.49	1.40	14.4	2.91	1.45	16.3	3.18	1.50	17.1	3.32	1.51	19.9	3.69	1.58
670	60	7.6	1.86	1.20	8.6	2.05	1.23	10.2	2.45	1.22	10.9	2.60	1.23	13.4	3.14	1.25	16.0	3.66	1.28	18.3	4.03	1.33	19.2	4.17	1.35	22.6	4.87	1.36
	70	7.3	1.74	1.23	8.3	1.96	1.24	9.8	2.30	1.25	10.4	2.42	1.26	9.8	2.19	1.31	14.3	3.06	1.37	17.4	3.75	1.36	18.1	3.90	1.36	21.0	4.43	1.39
	80	6.7	1.50	1.31	7.7	1.72	1.31	9.1	2.02	1.32	9.7	2.14	1.33	12.0	2.57	1.37	14.6	3.01	1.42	16.4	3.31	1.45	17.3	3.45	1.47	20.1	3.88	1.52

USH4BE5M1SP24K + B65BMMX24K-A

		OUTDOOR TEMPERATURE (Deg. F)																										
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60										
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW									
700	60	11.1	2.04	1.60	12.3	2.29	1.58	14.1	2.59	1.60	15.0	2.73	1.61	18.1	3.20	1.66	21.7	3.68	1.73	24.4	4.00	1.79	25.4	4.10	1.81	28.4	4.47	1.86
	70	10.2	1.77	1.69	11.6	1.99	1.70	13.3	2.26	1.73	14.1	2.38	1.74	17.2	2.80	1.80	20.7	3.23	1.88	23.5	3.54	1.95	24.5	3.64	1.98	28.6	4.07	2.06
	80	8.4	1.35	1.82	10.7	1.69	1.85	12.5	1.96	1.88	13.3	2.06	1.90	16.4	2.38	2.02	19.7	2.82	2.05	22.4	3.09	2.13	23.5	3.19	2.16	27.7	3.60	2.26
830	60	11.0	2.09	1.54	12.3	2.37	1.53	14.2	2.70	1.54	15.1	2.85	1.55	18.3	3.37	1.59	21.7	3.88	1.64	24.6	4.27	1.69	25.7	4.39	1.71	28.9	4.84	1.75
	70	10.2	1.80	1.66	11.6	2.05	1.65	13.4	2.35	1.67	14.2	2.48	1.68	17.3	2.94	1.73	20.9	3.42	1.79	23.8	3.77	1.85	24.8	3.89	1.87	28.9	4.39	1.94
	80	8.4	1.37	1.80	10.7	1.75	1.79	12.6	1.98	1.87	13.4	2.14	1.83	16.4	2.56	1.88	19.8	2.98	1.95	22.6	3.29	2.02	23.8	3.40	2.05	28.1	3.87	2.13
900	60	10.8	2.14	1.47	12.2	2.47	1.44	14.0	2.82	1.46	14.9	2.98	1.46	18.1	3.55	1.50	21.8	4.12	1.55	24.5	4.52	1.59	25.6	4.65	1.61	28.8	5.14	1.64
	70	9.9	1.84	1.59	11.4	2.13	1.57	13.2	2.44	1.58	14.0	2.58	1.59	17.3	3.00	1.69	20.7	3.60	1.69	23.7	3.98	1.74	24.7	4.11	1.77	28.9	4.64	1.82
	80	8.0	1.37	1.73	10.5	1.80	1.71	12.4	2.10	1.73	13.2	2.23	1.74	16.3	2.59	1.85	19.7	3.12	1.85	22.6	3.46	1.91	23.7	3.58	1.94	28.0	4.09	2.01

USH4BE5M1SP30K + B65BMMX30K-B

		OUTDOOR TEMPERATURE (Deg. F)																										
CFM	Indoor T. Deg.F	5			10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
875	60	15.6	2.45	1.86	16.8	2.63	1.87	18.6	2.87	1.90	19.5	2.99	1.92	23.0	3.39	1.99	27.2	3.84	2.08	30.7	4.16	2.16	32.0	4.26	2.20	37.4	4.61	2.38
	70	15.0	2.17	2.02	16.1	2.33	2.03	17.9	2.54	2.06	18.8	2.65	2.08	22.1	3.01	2.16	26.2	3.38	2.27	29.6	3.71	2.34	30.8	3.79	2.38	35.9	4.12	2.56
	80	14.5	1.93	2.19	15.6	2.07	2.21	17.3	2.26	2.24	18.2	2.36	2.26	21.3	2.67	2.34	25.2	2.99	2.47	28.7	3.30	2.54	29.9	3.39	2.59	34.8	3.67	2.78
970	60	15.6	2.50	1.83	16.8	2.69	1.83	18.6	2.95	1.85	19.6	3.07	1.87	23.0	3.50	1.93	27.4	3.99	2.01	30.8	4.32	2.09	32.1	4.42	2.13	37.7	4.81	2.30
	70	15.0	2.22	1.98	16.2	2.38	1.99	17.9	2.61	2.02	18.8	2.72	2.03	22.2	3.10	2.10	26.3	3.50	2.20	29.7	3.85	2.27	31.2	3.96	2.31	36.1	4.29	2.47
	80	14.4	1.97	2.15	15.6	2.11	2.16	17.4	2.32	2.20	18.3	2.42	2.22	21.4	2.74	2.29	25.4	3.10	2.40	28.8	3.43	2.46	30.1	3.52	2.51	35.1	3.84	2.68
1125	60	15.6	2.58	1.77	16.8	2.79	1.77	18.7	3.06	1.79	19.6	3.20	1.80	23.2	3.66	1.86	27.6	4.21	1.92	31.0	4.54	2.00	32.4	4.65	2.04	37.9	5.06	2.20
	70	15.0	2.28	1.93	16.2	2.46	1.93	18.0	2.70	1.95	18.9	2.82	1.96	22.3	3.23	2.02	26.5	3.70	2.10	30.1	4.06	2.17	31.4	4.17	2.21	36.5	4.54	2.36
	80	14.5	2.02	2.09	15.6	2.17	2.10	17.4	2.40	2.13	18.3	2.50	2.14	21.5	2.86	2.20	25.5	3.25	2.30	29.0	3.61	2.36	30.3	3.71	2.40	35.4	4.06	2.56

HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

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USH4BE5M1SP36K + B65BMMX36K-B

OUTDOOR TEMPERATURE (Deg. F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1050	60	16.1	2.26	2.09	17.6	2.46	2.10	19.8	2.73	2.13	21.0	2.87	2.15	25.1	3.33	2.21	29.9	3.81	2.30
	70	14.9	1.96	2.24	16.4	2.13	2.26	18.7	2.39	2.29	19.8	2.51	2.31	23.9	2.93	2.39	28.5	3.36	2.48
	80	13.9	1.69	2.42	15.4	1.85	2.43	17.7	2.09	2.48	18.8	2.21	2.50	22.7	2.58	2.58	27.2	2.96	2.69
1160	60	16.1	2.30	2.05	17.6	2.51	2.06	19.9	2.80	2.09	21.1	2.94	2.10	25.3	3.43	2.16	30.0	3.94	2.23
	70	15.0	2.00	2.20	16.5	2.18	2.22	18.8	2.45	2.25	19.9	2.58	2.27	24.0	3.02	2.33	28.7	3.47	2.42
	80	13.9	1.72	2.38	15.4	1.89	2.39	17.8	2.14	2.43	18.9	2.25	2.45	22.8	2.65	2.52	27.4	3.06	2.62
1350	60	16.2	2.35	2.02	17.8	2.58	2.02	20.1	2.89	2.04	21.2	3.04	2.05	25.4	3.56	2.09	30.3	4.11	2.16
	70	15.1	2.04	2.16	16.6	2.24	2.18	18.9	2.53	2.20	20.1	2.68	2.20	24.2	3.13	2.27	29.0	3.62	2.34
	80	14.0	1.76	2.34	15.6	1.96	2.33	17.9	2.22	2.37	19.0	2.33	2.40	23.0	2.75	2.46	27.7	3.19	2.54

USH4BE5M1SP42K + B65BMMX42K-C

OUTDOOR TEMPERATURE (Deg. F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1225	60	20.0	2.24	2.61	22.0	2.46	2.63	26.4	2.88	2.69	31.3	3.31	2.78	36.7	3.73	2.89	41.3	4.06	2.99
	70	19.2	1.99	2.82	21.1	2.18	2.84	23.9	2.44	2.88	25.3	2.55	2.91	30.0	2.93	3.00	35.3	3.31	3.12
	80	18.3	1.76	3.05	20.2	1.92	3.07	23.0	2.15	3.13	24.2	2.25	3.15	28.8	2.59	3.25	34.0	2.94	3.39
1400	60	20.3	2.26	2.63	22.4	2.49	2.63	25.3	2.78	2.66	26.7	2.92	2.68	31.8	3.38	2.76	37.3	3.83	2.85
	70	19.4	2.01	2.83	21.4	2.21	2.84	24.3	2.47	2.88	25.6	2.59	2.90	30.5	3.00	2.98	35.8	3.41	3.08
	80	18.5	1.78	3.05	20.5	1.95	3.07	23.3	2.19	3.11	24.5	2.29	3.14	29.2	2.66	3.23	34.4	3.02	3.34
1575	60	20.5	2.26	2.66	22.6	2.50	2.65	25.6	2.81	2.67	27.0	2.95	2.69	32.1	3.42	2.75	37.7	3.90	2.84
	70	19.6	2.02	2.85	21.6	2.23	2.85	24.6	2.50	2.88	26.0	2.62	2.90	30.8	3.05	2.97	36.3	3.47	3.06
	80	18.8	1.79	3.07	20.7	1.97	3.08	23.5	2.22	3.11	24.9	2.32	3.14	29.6	2.70	3.21	34.8	3.08	3.32

USH4BE5M1SP48K + B65EMMX48K-C

OUTDOOR TEMPERATURE (Deg. F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1400	60	21.5	1.99	3.16	24.6	2.60	2.78	27.2	2.88	2.77	28.8	3.02	2.80	34.7	3.51	2.90	42.1	4.00	3.08
	70	20.0	1.51	3.88	23.2	2.10	3.24	26.3	2.54	3.03	27.7	2.66	3.05	33.1	3.08	3.15	40.0	3.52	3.33
	80	18.6	1.25	4.36	21.9	1.71	3.75	25.2	2.23	3.32	26.5	2.33	3.33	31.5	2.67	3.46	38.1	3.08	3.63
1500	60	21.6	1.99	3.19	24.7	2.59	2.80	27.5	2.88	2.80	29.0	3.04	2.80	34.9	3.54	2.89	42.3	4.04	3.07
	70	20.0	1.49	3.94	23.3	2.09	3.27	26.6	2.55	3.05	27.9	2.69	3.04	33.3	3.11	3.14	40.3	3.57	3.31
	80	18.7	1.25	4.38	21.9	1.70	3.79	25.4	2.25	3.32	26.7	2.35	3.33	31.7	2.72	3.42	38.4	3.13	3.60
1800	60	22.0	1.95	3.30	25.1	2.53	2.90	28.2	2.92	2.83	29.7	3.04	2.87	35.7	3.58	2.92	43.0	4.09	3.09
	70	20.5	1.49	4.03	23.6	2.05	3.38	27.2	2.59	3.07	28.5	2.72	3.08	34.1	3.17	3.16	41.1	3.64	3.31
	80	19.1	1.24	4.50	22.3	1.68	3.89	26.0	2.27	3.36	27.3	2.39	3.36	32.4	2.77	3.43	39.2	3.21	3.59

HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

USH4BE5M2SX60K + B65VMMX60K-C - High Speed

		OUTDOOR TEMPERATURE (Deg. F)																										
CFM	Indoor T. Deg. F	5			10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW			
1750	60	28.4	1.89	4.40	31.4	2.11	4.36	35.8	2.35	4.47	37.5	2.43	4.52	44.7	2.89	4.53	52.2	3.36	4.55	58.3	3.70	4.61	60.5	3.81	4.65	69.4	4.18	4.87
	70	26.6	1.58	4.95	29.6	1.75	4.96	33.8	2.00	4.97	35.8	2.11	4.97	42.5	2.51	4.96	50.2	2.94	5.00	56.1	3.24	5.07	58.2	3.34	5.10	67.1	3.71	5.31
	80	25.7	1.39	5.42	29.1	1.62	5.28	33.0	1.81	5.36	35.0	1.91	5.35	41.9	2.29	5.37	49.1	2.64	5.46	54.9	2.91	5.54	56.3	2.89	5.70	63.2	3.20	5.79
1990	60	28.2	1.82	4.53	31.5	2.11	4.38	35.4	2.28	4.56	37.6	2.44	4.52	44.6	2.90	4.52	52.2	3.39	4.52	58.5	3.77	4.55	60.7	3.88	4.58	70.0	4.33	4.74
	70	26.6	1.58	4.94	29.6	1.75	4.95	33.8	2.00	4.95	35.8	2.11	4.96	42.4	2.51	4.95	50.2	2.96	4.98	56.2	3.29	5.01	58.4	3.41	5.03	67.7	3.84	5.16
	80	25.8	1.39	5.43	29.0	1.61	5.28	33.0	1.82	5.31	34.9	1.91	5.36	41.3	2.22	5.46	48.9	2.64	5.42	54.8	2.92	5.50	56.9	3.02	5.53	63.9	3.31	5.67
2250	60	28.1	1.83	4.52	31.1	2.01	4.53	35.7	2.35	4.45	37.4	2.42	4.54	44.6	2.90	4.50	52.2	3.40	4.49	58.6	3.81	4.51	60.9	3.95	4.52	70.5	4.48	4.61
	70	26.5	1.58	4.92	29.5	1.75	4.93	33.7	2.00	4.94	35.7	2.12	4.94	42.7	2.53	4.95	50.1	2.97	4.95	56.3	3.32	4.97	58.5	3.44	4.98	68.0	3.94	5.06
	80	25.7	1.39	5.41	29.7	1.74	5.00	33.1	1.84	5.27	35.0	1.93	5.30	41.5	2.27	5.36	48.9	2.66	5.40	54.9	2.95	5.46	56.9	3.05	5.47	64.3	3.38	5.58

USH4BE5M2SX60K + B65VMMX60K-C - Low Speed

		OUTDOOR TEMPERATURE (Deg. F)																										
CFM	Indoor T. Deg. F	5			10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1170	60	12.1	1.15	3.07	15.2	1.53	2.89	19.3	2.00	2.82	20.8	2.17	2.81	27.0	2.88	2.75	32.7	3.41	2.81	37.2	3.75	2.91	39.0	3.87	2.96	45.7	4.21	3.17
	70	11.3	0.96	3.45	14.3	1.27	3.29	18.2	1.70	3.13	19.9	1.88	3.09	25.7	2.50	3.01	31.4	2.98	3.09	35.8	3.28	3.20	37.5	3.39	3.25	44.2	3.74	3.46
	80	10.9	0.84	3.78	14.1	1.18	3.50	17.8	1.54	3.38	19.5	1.70	3.33	25.3	2.28	3.26	30.7	2.68	3.37	35.0	2.95	3.50	36.3	2.93	3.63	41.6	3.23	3.77
1330	60	12.1	1.11	3.20	15.3	1.53	2.95	19.2	1.93	2.92	21.0	2.16	2.84	27.1	2.89	2.77	33.1	3.48	2.78	37.9	3.90	2.85	39.5	3.99	2.90	46.7	4.43	3.10
	70	11.4	0.96	3.49	14.4	1.27	3.33	18.3	1.69	3.17	20.0	1.87	3.12	25.8	2.50	3.03	31.8	3.04	3.06	36.4	3.40	3.14	38.0	3.51	3.18	45.2	3.93	3.37
	80	11.1	0.84	3.84	14.1	1.17	3.55	17.9	1.54	3.40	19.5	1.69	3.37	25.1	2.21	3.34	31.0	2.71	3.33	35.5	3.02	3.45	37.0	3.11	3.50	42.7	3.39	3.70
1510	60	12.2	1.11	3.24	15.3	1.45	3.10	19.5	1.97	2.90	21.1	2.12	2.91	27.2	2.84	2.80	33.4	3.50	2.78	38.4	3.96	2.84	40.2	4.11	2.87	47.6	4.62	3.02
	70	11.5	0.96	3.53	14.5	1.26	3.37	18.4	1.68	3.22	20.1	1.86	3.17	26.0	2.48	3.08	32.1	3.06	3.07	36.9	3.45	3.13	38.6	3.58	3.16	45.9	4.06	3.32
	80	11.2	0.84	3.88	14.6	1.25	3.42	18.1	1.55	3.44	19.7	1.69	3.40	25.3	2.23	3.34	31.3	2.74	3.35	36.0	3.07	3.44	37.5	3.17	3.47	43.4	3.48	3.66



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Nordyne, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

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